

10 Basic Safety Rules to Reduce Mining Accidents



Safety is always important in the industry where the human intervention is high & one mistake can take away the life. Although the accident and fatality figures have decreased considerably in the mining sector, this does not mean that the item is free of risks. So here it is highly important to look into this matter and certain rules must be followed to prevent any accident at the workstation.

There are ten basic safety rules that must be followed by mine workers to avoid accidents. They are simple principles that lead all the special rules that may occur in any mining operation.

Here are preventions measures of security consistent with the basic rules:

1. Receive orders from your boss and follow the safety instructions. Do not take risks; if you do not know, ask.
2. Correct or report all unsafe or substandard conditions.
3. Keep your workplace clean and tidy.
4. Use the appropriate equipment or tool for each job, within the designed safety limit.
5. Report any incident and accident, however slight, and receive first aid immediately.
6. Use, adjust and repair equipment only when authorized.
7. Wear your personal protective equipment at all times.
8. Do not play, or make jokes. Avoid distracting your colleagues.
9. When lifting objects, bend the knees and lift with the legs, get help for heavy loads.
10. Comply with all rules and safety notices and, above all, use your common sense.

In the same way, it is specified that the substandard act is a bad behavior of the worker that could give way to the occurrence of an accident; that is, it is caused by the attitude of the worker who manifests in different ways.

Some risk behaviors are the following:

1. Operate without authorization.
2. Do not insure against unexpected movements.
3. Operate at an inadequate speed.
4. Put safety devices out of service.
5. Use defective vehicle or equipment.
6. Use the wrong equipment.
7. Do not use the appropriate personal protective equipment.
8. Load or stack incorrectly.
9. Lift incorrectly.
10. Perform maintenance with the equipment running.
11. Making games or jokes.
12. Consume drugs or drink alcoholic beverages.
13. Disobey orders (oral, written)

These rules and identification of unsafe behaviors are, in general, a compendium for different operations. As is known, many mining companies have a security program and/or apply different management tools to prevent accidents and create a culture of safety in their organizations. However, it is necessary to review the safety aspects of the project phase, which has the peculiarity of having a short time of operation.

Supervision is a fundamental rule of safety, not only in the mining industry but also in all the heavy equipment operations in different industries like agriculture & forestry or construction.

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